

CANTY

PROCESS TECHNOLOGY

PROCAM™ SANITARY PROCESS CAMERA

Stainless Steel NEMA 4X Construction



HOW IT WORKS

The CANTY ProCam™ is a process camera engineered and designed for sanitary applications. The ProCam™ combines the latest in LED lighting with Ethernet camera technology in a streamlined package. The camera utilizes built-in LED lights so no additional vessel lighting is required. The all-in-one design is both compact and sanitary. A built in heater eliminates condensation from forming on the glass and provides for a clear image at all times.

FEATURES

- Built in LED light source - maintenance free
- Compact all-in-one design
- Sanitary 316L S.S. Housing
- Available in 24V DC, 120V AC, 230V AC
- Built in heater to prevent fog and condensation
- One-piece streamlined design
- System outputs via OPC or 4-20mA to a DCS or PLC for complete, closed-loop control
- Ideal system for Vessel Visual Inspection
- Single use models also available

APPLICATIONS

The CANTY ProCam™ is specially designed to inspect the interior of your Biotech vessels, including Media Prep and Buffer Hold tanks, offering a continuous view. The ProCam™ operates as a stand alone IP based system for visual inspection only, connecting through a web browser, media player, or plant surveillance, with no additional software needed.

SANITARY DESIGN

All models feature 316L S.S. construction and are NEMA 4x & IP66 Weatherproof rated. The ProCam™ features an integral LED light source and high speed camera mounted in a compact chassis.

SPECIFICATIONS

Power Req:	24V DC
Housings:	NEMA 4X Sanitary, IP66, 316L S.S. Construction
Wetted Materials:	Alloy C-276
Surface Finishes:	20uin Ra standard. Also available in 15uin Ra with electropolishing as an option.
Connection:	4" Tri-Clamp® / 4" NA-Connect®
Cabling Supplied:	8-Conductor 33 ft. [10 m] 24 AWG stranded/tinned quick connect Ethernet cord, 4-Conductor 19 ft. [6 m] 16 AWG stranded quick connect power cord.

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www.jmcanty.com

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MOUNTING CONNECTION



HOW TO ORDER: Select the appropriate symbols and build a part number as shown:

Ordering Information

EXAMPLE:

VPC- 5 V 2 G B M

ENVIRONMENTAL RATING

5 - NEMA 4x Weatherproof, IP66

CAMERA OPTION

V - IP CAMERA (ONVIF PROFILE S)

LENS OPTION

3 - 69° (H) x 53° (V) x 80° (D)

6 - 41° (H) x 31° (V) x 50° (D)

POWER OPTION

2 - User supplies 24V DC.
Consult factory for other voltage options

MOUNT SIZE OPTION

M - 4"

HEATING OPTION

B - ProCam™ with Integral Heating

MOUNT TYPE OPTION

G - Tri-Clamp® / NA-Connect®

ALLOY C276 WETTED MATERIAL FINISH OPTIONS

B - 20uin Ra Mechanical
C - 15uin Ra Mechanical
M - 15uin Ra Electropolished

*Canty reserves the right to upgrade from Stainless Steel to the Hastelloy family of materials at no additional charge.

**Consult factory for additional functions and upgrade options.

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